



PTO/SB/03B (08-03)

Substitute for form 1449B/P INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/606,502
		Filing Date	June 26, 2003
		First Named Inventor	Martienssen, Robert
		Art Unit	1645-1637
Examiner Name	Not Yet Assigned Teresa Stnelecia		
Attorney Docket Number	021031-000210US		
Sheet	8	of	2

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TS	AA	US 5,405,760	04-11-1995	Raleigh et al.	
	AB	US-5,786,148	07-28-1998	Herman et al.	
	AC	US 5,871,917	02-16-1999	Duffy	
	AD	US-6,200,756 B1	03-13-2001	Herman et al.	
	AE	US 6,265,171 B1	07-24-2001	Herman et al.	
	AF	US-6,331,393 B1	12-18-2001	Laird et al.	
	AG	US-2002/0123053 A1	09-05-2002	Luo et al.	
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	AI	US 2003/0148290 A1	08-07-2003	Cottrell	
	AJ	US 6,605,432 B1	08-12-2003	Huang	
	AK	US-2003/0165923 A1	09-04-2003	Li et al.	
TS	AL	US-2003/0180779 A1	09-25-2003	Lofon-Day et al.	

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
TS	AM	WO	00/26401	A1	05-11-2000			<input type="checkbox"/>
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TS	AT	WO	03/076666	A1	09-18-2003			<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TS	AU	ADORJAN, Peter et al.; "Tumour class prediction and discovery by microarray-based DNA methylation analysis"; <u>Nucleic Acids Research</u> , 2002, Vol. 30, No. 5 e21, 9 pages.	
	AV	BURMAN Robert W. et al.; "Hypomethylation of an Expanded FMR1 Allele Is Not Associated with a Global DNA Methylation Defect"; <u>Am. J. Hum. Genet.</u> , 1999, Vol. 65, pp. 1375-1386.	
	AW	CALDAS, Carlos et al.; "Frequent somatic mutations and homozygous deletions of the p16 (MTS1) gene in pancreatic adenocarcinoma"; <u>Nature Genetics</u> , 1994, Vol. 8, pp. 27-32.	
TS	AX	CRAIG, B.A. et al.; "Designing Microarrays"; <u>Applied Statistics in Agriculture</u> , pp. 159-164.	

Examiner Signature	Teresa Stnelecia	Date Considered	3/27/06
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		Art Unit	4645 1637
		Examiner Name	Not Yet Assigned Teresa Stuebele
Sheet 9	of 22	Attorney Docket Number	021031-000210US

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)		
TS ✓	AY		EADS, Cindy A. et al.; "MethylLight: a high-throughput assay to measure DNA methylation"; <u>Nucleic Acids Research</u> , 2000, Vol. 28, No. 8, e32, 8 pages.			
	✓ AZ		FRIGOLA, Jordi et al.; "Methylome profiling of cancer cells by amplification of inter-methylated sites (AIMS)"; <u>Nucleic Acids Research</u> , 2002, Vol. 30, No. 7, e28, 7 pages.			
	✓ BA		GENC, B. et al.; "Identification of disease associated genes and tumour class prediction by genome wide microarray-based DNA methylation scanning"; <u>The American Journal of Human Genetics</u> , 2001, Vol. 69, No. 4, 1 page abstract.			
	✓ BB		HATADA, Izuho et al.; "A microarray-based method for detecting methylated loci"; <u>J. Hum. Genet.</u> , 2002, Vol. 47, pp. 448-451.			
	✓ BC		HERMAN, James G. et al.; "Methylation-specific PCR: A novel PCR assay for methylation status of CpG islands"; <u>Proc. Natl. Acad. Sci.</u> , 1996, Vol. 93, pp. 9821-9826.			
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	✓ BE		McCLELLAND, Michael et al.; "Effect of site-specific modification on restriction endonucleases and DNA modification methyltransferases"; <u>Nucleic Acids Research</u> , 1994, Vol. 22, No. 17, pp. 3640-3659.			
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	✓ BG		"McrBC"; Technical Bulletin, 2001, <u>New England Biolabs, Inc.</u> , 2 pages.			
	✓ BH		OKAMOTO, Keisei et al.; "Epigenetic changes at the insulin-like growth factor II/H19 locus in developing kidney is an early event in Wilms tumorigenesis"; <u>Proc. Natl. Acad. Sci.</u> , 1997, Vol. 94, pp. 5367-5371.			
	✓ BI		SCHUTTE, Mieke et al.; "Abrogation of the Rb/p16 Tumor-suppressive Pathway in Virtually All Pancreatic Carcinomas"; <u>Cancer Research</u> , 1997, Vol. 57, pp. 3126-3130.			
	✓ BJ		STEIGERWALD, Sabine D. et al.; "Ligation-mediated PCR improves the sensitivity of methylation analysis by restriction enzymes and detection of specific DNA strand breaks"; <u>Nucleic Acids Research</u> , 1990, Vol. 18, No. 6, pp. 1435-1439.			
	✓ BK		TOMPA, Rachel et al.; "Genome-Wide Profiling of DNA Methylation Reveals Transposon Targets of CHROMOMETHYLASE3"; <u>Current Biology</u> , 2002, Vol. 12, pp. 65-68.			
	✓ BL		TOYOTA, Minoru et al.; "Identification of Differentially Methylated Sequences in Colorectal Cancer by Methylated CpG Island Amplification"; <u>Cancer Research</u> , 1999, Vol. 59, pp. 2307-2312.			
	✓ BM		WANG, C.H. et al.; "Autism DNA methylation profiling using CpG microarrays"; <u>The American Journal of Human Genetics</u> , 2001, Vol. 69, No. 4, 1 page abstract.			
TS ✓	BN		WEI, Susan H. et al.; "Methylation Microarray Analysis of Late-Stage Ovarian Carcinomas Distinguishes Progression-free Survival in Patients and Identifies Candidate Epigenetic Markers"; <u>Clinical Cancer Research</u> , 2002, Vol. 8, pp. 2248-2252.			

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		Art Unit	1645 1637
		Examiner Name	Not Yet Assigned <i>Teresa Stuebele</i>
Sheet 1 of 1	Attorney Docket Number	021031-000210US	

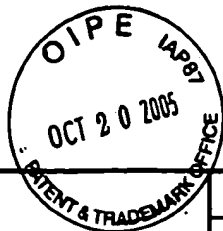
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TS	✓ AA	YAN, Pearly S. et al. "CpG Island Arrays: An Application toward Deciphering Epigenetic Signatures of Breast Cancer"; 2000, <u>Clinical Cancer Research</u> , Vol. 6, pp. 1432-1438.						

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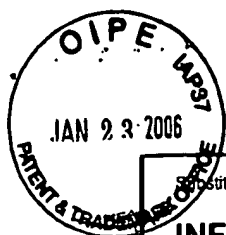
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<i>TS</i>	AA	Humane Genome Center: Laboratory of Genome Database, pp. 128-132.	
	AB	Humane Genome Center: Laboratory of Genome Structure Analysis, pp. 133-135.	
	AC	Humane Genome Center: Laboratory DNA Information Analysis, pp. 136-149.	
	AD	Humane Genome Center: Laboratory of Sequence Analysis, pp. 150-152.	
	AE	Humane Genome Center: Laboratory of Functional Genomics, pp. 153-156.	
<i>TS</i>	✓ AF	HGM2002; Seventh International Human Genome Meeting, April 2002, 1 page.	
	✓ AG	YAMADA, Yoichi et al.; "A comprehensive analysis of CpG islands reveals methylation imprints on human chromosome 21"; HGM2002 Workshop Abstract No. 13, 1 page.	
	✓ AH	YAMADA, Yoichi et al.; "A comprehensive analysis of CpG islands reveals methylation imprints on human chromosome 21"; HGM2002 Poster No. 89, 1 page.	
<i>TS</i>	✓ AI	YAMADA, Yoichi et al.; "A comprehensive analysis of Allelic Methylation Status of CpG Islands on Human Chromosome 21q"; 2004, Genome Research, pp. 247-266.	

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
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TS	AB	WO	03/035860	A1	05-01-2003			<input type="checkbox"/>

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TS ✓	AC	LIANG, Ganging et al.; "Identification of DNA methylation differences during tumorigenesis by methylation-sensitive arbitrarily primed polymerase chain reactions"; 2002, <u>Methods</u> , Vol. 27, No. 2, pp. 150-155.	
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TS ✓	AE	STEENSEL, Van B. et al.; "Chromatin profiling using targeted DNA adenine methyltransferase"; 2001, <u>Nature Genetics</u> , Vol. 27, No. 3, pp. 304-308.	
	AF	TOMPA, Rachel et al.; "Genome-wide profiling of DNA methylation reveals transposon targets of CHROMOMETHYLASE3"; 2002, <u>Current Biology</u> , Vol. 12, No. 1, pp. 65-68.	duplicate

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